

THIS MONTH WE SALUTE
(MR. AMATEUR RADIO)
FRANCIS E. HANDY

SEE PAGE 5

FLORIDA SKIP

Vol. 10 No. 11

The All Florida Radio Amateur's Publication

APRIL 1967

Price 20¢

New Ass't. SEC In Eastern Fla.

Mr. Thomas Chisholm, W4-FP, P.O. Box 2273, Lakeland, Florida was recently appointed Ass't. Section Emergency Coordinator, for Eastern Florida Section. Tom will take over the monthly SEC reports which go to the SCM and ARRL. All Eastern Florida EC's are hereby requested to send their monthly reports to address above, by the first - repeat FIRST of each month.

All club and other recommendations for EC appointments

(Continued on Page 16)

Notice Fla. Appointees

The Fla. LO Net has been reactivated on Thursdays on 3950 Kc. at 8 PM. for all Fla. amateurs with any sort of ARRL appointment. This is not a traffic or emergency net, but merely a discussion group for things of interest to Fla. amateurs. All appointees are welcome.

League Meeting

SKIP has just received official word from Mr. Charles Bolvin, W4LVV, Director for the ARRL Southeastern Division that a League Official meeting is called for Saturday, April 29th at the Orlando Hamfest. All SE Div. LO are urged to attend. See program for exact time on Saturday afternoon.



Barry Goldwater, K7UGA, the 1964 Republican candidate for the President was given honorary life membership in the Fort Myers, Florida Amateur Radio Club when Barry was in Fort Myers Feb. 3, 1967. The former Senator was also presented a trophy for his service to Amateur Radio. Making the presentation was Club president Dr. R. Ernest Hendry, K4CAH and Dr. Louis E. Persons, W4PJG.

(Photo by Fultons Camera Shop, Ft. Myers)

Suncoast VHF Hamfest

By Nancy, W4EDL

We would like to invite all of you to our first hamfest. It will be the 3rd Sunday in April at Taylor Park Largo. Starting about 10:00 AM.

It will be a "bring-your-own lunch." That way you eat what you like. There will be a big swap table and prizes.

To find the Park; South edge of Largo, Alt. 19 turn at 8th Avenue, over the railroad tracks and left into the park, about a mile west on 8th Avenue turn off Alt. 19.

This year for the first time there will be a HAM OF THE YEAR AWARD. The presenta-

tions will be at the Hamfest. The person we honor this year has a long list of personal accomplishments many, many man hours donated to helping others get on the air. Always around to give help whenever possible. Donating his time and energies and money into the club to help it in its growing days. Join us and find out who our local ham of the year is. Registration 50¢ for each licensee ham. See you all at the hamfest. Will look for you again at Orlando, to renew old friendships.

All welcome, remember 3rd Sunday in April!!

What Is The NTS Section Net?

By Frank Butler, W4RKH

I wonder how many of us really understand the NTS (National Traffic System)? There are many nets found on the various bands, each with its own rules and goals. Most try to limit their membership to those with some common factor. It may be their jobs, such as the P.O. Nets, or the net function, such as the Eye Bank Net. The NTS is made up of many nets, but each is organized on the geographical basis. The boundary lines are generally those established by the ARRL Communications Department. Normally, the lowest level of the NTS is the Section Net, formed to cover one of ARRL's 75 Sections. There can be both phone and CW nets covering a Section, and even several nets on the same mode in a Section, meeting at different times of day. But, no matter where you live, there should be at least one NTS net covering your area. Likewise, no matter where you want to send a message (within the U.S.A.), there should be an NTS net covering the destination city.

Knowing this, how do you pass a message using the NTS? If the destination lies within your Section, you obviously list the traffic on your Section Net. If it is going out of your Section, you may have two alternatives--your own Section Net or the Section Net covering the destination. Since most Section Nets

(Continued on Page 16)

FLORIDA SKIP, INC.

P.O. Box 501
Miami Springs, Florida 33166
Enclosed is \$2.00 for 1 year or \$5.00 for 3 years.

for my membership to Florida Skip.

☐ New ☐ Renewal

My CORRECT address is:

Name _____ Call _____

Address _____

City _____

& State _____ Zip _____



EDITOR - Andy Clark, W4IYT
P. O. Box 501 - Miami Springs, Fla. 33166
"Member Amateur Radio News Serv."
ADVERTISING MGR. - Frank Orcutt, W4JO
Miami, Fla. Ph. 444-0481
Special Assistant ... Lee Wilson W4KUD
Box 501, Miami Springs, Fla. 33166

Second class postage paid at Miami, Fla. Published monthly.

The publishers of this paper do not assume responsibility of statements made by their advertisers in business competition. All Signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP.

Deadline - 10th of month in Box 501, Miami Springs, Fla. 33166.

PERMISSION: Anything in Florida Skip may be reprinted in any other amateur radio publication in the world with a Credit Line please.

Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

FLORIDA SKIP

CORRESPONDENTS

IT'S A FACT. Geo. Hunt, W4NUT
1218 S.W. 21st Ct., Ft. Lauderdale.

"Special OT reporter, Lee R. Scagglozzi, W4VLN, 1226 1/2 - 15th St. N., St. Petersburg, Fla. 33705."

HINTS & KINKS. R. V. Frederick K4UGC, 460 N. W. 108th Terrace, Miami 33150.

ONYX, MABEL, THE OLD TIMER c/o Florida Skip, P. O. Box 501, Miami Springs 33166.

160 M. Dave Hayden, W4WHK, 630 River Road, Orange Park, Fla.

VHF - Bertha Eggert, WA4BMC, 1510 - 17th Ave., No., Lake Worth.

Amateur TV. Robert Montgomery K4VFV, 903 Ferndeil Rd., Orlando, Fla. 32808

ARMY MARS, W. E. Rabenhorst AD4VWY, 1715 - 29th Ave., Vero Beach, Fla. 32960

NAVY MARS, Jim Wilson W4GDK, 1204 Avacado Isle, Ft. Lauderdale, Fla.

FSBA. Chuck Ritchie. W4BUG. 4224 Northwest 4th Avenue, Boca Raton, Florida - 33432

NETS

FATT, W4IET, Miami Springs
FMTN, W4AKB, Miami
FLAMINGO, W4EDP, Miami
QFN, WA4OHO, St. Pete

CLUBS

Broward ARC, W4GDK, Ft. Lauderdale
NFARS, K4DSN, Jacksonville
Ft. Myers ARC, W4SMK, Ft. Myers
Gainesville ARS, K4RDP, Gainesville
Orlando ARC, W4BKC, Orlando
HARC, K4VAO, Tampa
TARC, WA4HDK, Tampa
So. Miami ARC, WA4RSX, So. Miami
Platinum Boast ARS, WA4JDB, Eau Gallie
Vero Beach RC, WA4YFY, Vero Beach
West Palm Beach ARC, John Benjamin, West Palm Beach
Sun Coast VHF, WA4EDL, St. Pete
NOMARC, WA4NHT, No. Miami
Suncoast Roving and Florida, W4BAV, Sarasota
Indian River ARC, WA4KJV, Rockledge

FLORIDA ARRL OFFICIALS

Director, SE Div. C.J. "Chuck" Bolvin, W4LVV, 2210 SW 27th Lane, Miami, Fla. Ph. 448-5493

SCM-EASTERN FLA. Jesse Morris W4MVB, P.O. Box 1241, Jacksonville Beach, Fla. 32051

SCM-WEST FLORIDA. Frank M. Butler, Jr., W4RKH, 494 Elliot Rd. Ft. Walton Beach, Fla.

SEC-EASTERN SEC. Andy Clark, W4IYT. 41 Lenape Dr., Miami Springs 33166.

SEC-WESTERN SEC. George Thurston, W4MLE, 2116 Gibbs Dr., Tallahassee.



Letters To Editor

To the Editor:

One of these days, perhaps when I get too old to appreciate it, I may be lucky enough to get on the air and call rare DX that other hams feel is not rare enough to call. Thus that particular frequency will be clear enough to enable my 300 watts of transceiver power coupled with my half-wave doublet to make contact.

It is amazing what a pile-up occurs when so-so DX stations call CQ. A chaotic mess. The problem, of course, results from the unequal ratio of DX stations to American hams. Also the high power boys who have worked this DX station invariably get into the act for no other reason than to say -- "We have talked before but I had to call you again ---".

These unfair tactics restricts the low power ham, who probably had never heard that particular country let alone work it. So he is relegated to the moment when the hue and cry has subsided. That moment very rarely comes because band conditions invariably changes and the "moment" is lost.

Where is the integrity and the kindness and "after you, Gaston" old-time operating procedures that was part and parcel of ham radio? Never shall I forget how the "kilowatts" frequently "piggy-backed" the low power hams onto DX contacts.

Well, Andy I guess the only solution for me is to dip into the Old Lady's cookie jar and help myself to enough loot for the beam and the formidable 2kw PEP to enable me to snag the rare ones.

Keep up the good work Andy, as you are doing an FB job with SKIP.

73
Leo R. Scagglozzi, W4VLN
St. Pete

All of us here at the West Palm Beach Radio Club read your paper and think it's wonderful. We like the news of other Clubs and the news of activity going on around the State. Many of us have especially enjoyed the ATV reports from the center of the state. We think that the Hambar section is beneficial especially to new hams.

Keep up the good work and don't ever quit.

John Benjamin
Secretary

Editor:

Yes, I have a pet peeve. It's the guy who tunes up and throws a heavy carrier on the frequency after the net has started. It's impolite, discourteous, rude, annoying and downright bad operating practice, and the guy responsible, sad to relate is too often the old timer who has been on the airways for many, many years. Too many, I'd say.

73
Len, WB4AHR/AL4AHR
Panassofke, Fla.

Dear Andy:

With grateful thanks for the fine job you and your staff are doing in the "Florida Skip" and the many fine articles I have enjoyed reading for the

past 2 years. We have many F.B. qso's with many of the Florida folks and have several personal friends in central part of the state - some amateurs for many years of course. HI HI.

I was recently appointed assistant editor here for our Southern Illinois area in one of our local club papers. Will be happy to contribute whatever help we can in the future here from "Yankee" land.

Would also like to compliment you on the fine orderly arrangement of your advertising and the outstanding work of your Florida traffic handlers. Keep up the good work!

73,
Daniel Klein
K9VBK
P.O. Box 423
Eldorado, Illinois 62930

Editor:

On behalf of the 'North Florida Amateur Radio Society', I wish to express our appreciation for the beautiful trophy which was presented to our club at the Miami Hamfest. It was shown to the club members at our last meeting and received many fine compliments.

People got a feeling of 'a job well done' when they can see the reward for their efforts. I don't think that I have seen a group work harder or had better teamwork than our members did Field Day.

Events like Field Day prove that people from all walks of life, regardless of race or religion, can be brought together to accomplish a common goal. We think you should be proud of your part in furthering the interest of amateur radio. It's through efforts of amateurs like you that gives others just a little more incentive to do just like you to do just a little bit better than they would otherwise have done.

You had better be planning to buy another Field Day trophy as we are going to keep this one for the next 2 years then it will be all ours.

73's from all the gang
North Florida Amateur Radio Soc.

Editor:

The XYL has just about had it. Too many days of the OM hamming, too many lost weekends! Thought she would one day quit fighting and join-- but it has never happened. I give up; she gives up-- and you, well, I understand, if I can believe what I read in QST, have a pacifier for rebellious wives.

So I hereby nominate the XYL: Carol Tuley, 1311 Knob Ave., Silver Hills, New Albany, Indiana, for your cotton picken pacifier. She is in bad need of the afore said item.

I thank ye.

Sincerely
Lawrence Tuley, Jr., K9HEL

(Editor's Note: Have you made your little wife happy lately? You haven't? Well then, you'd better get her a DEAR MABEL AWARD. Free to all our SKIP subscribers. Make nominations to Mabel c/o F.S., Box 501, Miami Springs, Fla. 33166. You'll be glad you did!)



DELUXE ADDITION TO THE SWAN LINE

5 BANDS—480 WATTS

HOME STATION—PORTABLE—MOBILE

It is with great pride that we announce the development and production of the newest addition to the Swan Line. The Swan 500 is a most fitting deluxe companion to the classic model 350. Improved circuit efficiency provides increased power ratings of 480 Watts P.E.P. on sideband; 360 Watts CW input and 125 Watts AM.

At the top of the Swan Line, the 500 offers many extra features: Selectable upper and lower sideband, 100 kc crystal calibrator, automatic noise limiter, provision for installation of an internal speaker (the best solution for the mobile installation), and a factory installed accessory socket for the addition of the model 410 external VFO.

As a receiver, the new 500 will satisfy the most critical operator. Sensitivity is better than .5 uv and the precision tuning mechanism is easily the smoothest you will find on any piece of amateur gear. Improved production techniques result in even better VFO stability. A new product detector circuit provides you with superior audio quality, and a new AGC system responds more

smoothly to wide variations in signal strength.

The new 500 is equipped with the finest sideband filter used in any transceiver today. With a shape factor of 1.7, ultimate rejection better than 100 db, and a carefully selected bandwidth of 2.7 kc, this superior crystal filter combines good channel separation with the excellent audio quality for which Swan transceivers are so well known.

Frequency coverage of the five bands is complete: 3.5-4.0 mc, 7.0-7.5 mc, 13.85-14.35 mc, 21-21.5 mc, 28-29.7 mc. (In addition, the 500 covers Mars frequencies with the 405X accessory crystal oscillator.)

Along with higher power, improved styling and many deluxe features, the new 500 has the same high standards of performance, rugged reliability and craftsmanship that have become the trademark of the Swan Line. Backed up by a full year warranty and a service policy second to none, we feel that the Swan 500 will establish a new standard of value for the industry. Our new "Star" is now in production.

\$495 amateur net.

AMATEUR RADIO CENTER, INC.

"THE ONLY EXCLUSIVELY HAM STORE IN MIAMI"

2805 N. E. SECOND AVE., MIAMI, FLA. 33137

Miami
FR 4-4101

OPEN ALL DAY SATURDAY 'TIL 5:30 P.M.
DON'T FORGET WE BUY - SELL - TRADE - SERVICE

Fort Lauderdale
524-4484

ATV In Florida

The biggest area of activity in ATV lately stems around the plans for our participation at the Orlando, Hamfest, April 29 and 30th.

The local ATV'ers plan to have a Forum, time and location to be announced and a demonstration table where everyone interested in ATV is invited to bring any related equipment to be placed on display. Several local gents will have cameras, of different types, in operation, monitors for closed circuit display, and altho, at this time, no plans are made to have an operating ATV station, as we did last year, a small transmitter may be in operation for "in-building" on the air demonstrations.

One reason why no on the air, Cherry Plaza operations are planned this year, is due to the constant improvements and enlargements of local stations which has made it impracticable to relocate these stations for just a two day stand during the Hamfest.

Dave Hall W4TOD, is making arrangements for all those that are interested in seeing a fine ATV operation, to visit his QTH, at that time other area ATV stations will be on the air for two-way TVQSO's.

We received a fine letter from Mel Shadbolt, W0KYQ, President of ATV Research, thanking us for the fine plugs in Florida Skip. Mel reports that the Florida group and the group in Indiana are the most active ATV groups that he knows of in the U.S.

ATV Research has an excellent catalog available, with all the latest camera parts and kits, plus associated components and

equipment for amateurs, industry and education.

If you would like one of these catalogs send your request to ATV Research, P.O. Box 396 So Sioux City, Nebraska 68776.

Ace Brown WB4AKJ, Dave Hall W4TOD, Horace Boardman WA4NKN, and Jack Ross K4NTD, made a trip to Leesburg, Fla. to attend the Lake County Amateur Radio Club's Feb. meeting, and gave a lot of info on ATV to its members. They came away with the assurance that many of the members were going to begin with their own ATV activities, at least setting up their receiving stations so they could watch and give reports to the Orlando group activities, but it is our feeling that once the TV bug bites and gets a secure hold, there will be no stopping the Lake County boys, and we will soon be having two-ways with the Leesburg area, which will be welcome by the Orlando area boys.

We enjoyed reading in last months SKIP, the article written by Leo Scagliozzi, W4VLN, on Ham TV, Quarter Century Ago, we found it very interesting and enlightening.

In order for this writer to have a better monthly article, we need all the help from the readers we can get, articles, pictures etc. and as in past articles we'll give all the credits to the senders that is possible, please include calls, and the photographers name, and all necessary info pertaining to the written subject.

So let's hear from you... Thank you and 73.

R. Montgomery K4VFV
903 Ferndell Rd.
Orlando, Fla. 32808

MY CALL

I am proud of this call because I am the only person in the world who has the privilege of using it. It identifies me more than my own name, as thousands of unseen friends will know me only by my own call.

What I do when on the air with this cherished call will bring me untold friends or enemies for life. It all depends on me, as I will not be judged by looks or station in life, but by my manners and consideration I show my fellow Ham while on the air.

I value my friends more than any possession. To make this friendship stronger, I pledge myself to be a better operator by following these good operating practices:

1. I will listen on the frequency before testing or transmitting.
2. I will give the frequency immediately to a station calling by break or emergency.
3. I will acknowledge a joining station immediately as he may have an important message.
4. When wishing to join a QSO I will announce my CALL ONLY, between transmission breaks.
5. When working Mobile, or on known Mobile frequencies I will keep contacts short and allow time between transmissions for new callers or urgent traffic.
6. I will not forget Mobiles are in motion and must have priority with short contacts. They are handicapped with low power and limited frequencies.
7. I will always be helpful and tolerant with my fellow amateur.
8. I will gladly take or give advice when I know it will help my fellow amateur or our hobby.
9. I will serve the public whenever the opportunity arrives.
10. I will do all in my power to cause my fellowman to respect all Radio Amateurs.

By Ray Bryan, W5UYQ
in HARC NEWS via COLLECTOR & EMITTER

HERE IT IS!



THE EXCITING XT-1A TV CAMERA KIT

26 SEMICONDUCTOR CIRCUIT (17 pnp transistors, 8 silicon diodes and 1 zener) 6 STAGE HIGH GAIN, LOW NOISE VIDEO AMPLIFIER • SELF-CONTAINED ELECTRONIC REGULATED POWER SUPPLY • 1 PIECE PRINTED CIRCUIT BOARD CONSTRUCTION • RF (ch. 2-5) or VIDEO OUTPUT

KIT CONTAINS: Anodized aluminum cabinet, printed circuit board, lens, lens mount, focus and deflection coils, power transformer, transistors, resistors, capacitors, small coils, switches, pots, knobs, vidicon tube socket, coax output connector, diodes, hardware, wire PLUS OUR LARGE, EASY-TO-FOLLOW CONSTRUCTION PLANS.

In addition to this camera we have a complete line of tube model STARTER and MAJOR COMPONENTS KITS starting as low as \$18.95! For detailed info on all our kits PLUS block diagrams, and off-the-crvr photos send 10¢ for our information packed 1966 catalog. DON'T BUY UNTIL YOU'VE COMPARED our UNBELIEVABLE PRICES with our competitors! Low cost x Quality = an ATV RESEARCH kit.

Post Office Box 396-SF **ATV RESEARCH** So. Sioux City, Nebr. 68776

TOP TWENTY TRAFFIC TAKERS

1. W3CUL/4	BPL	5961	11. WA4NBT	236
2. W4DUG/4	BPL	3625	12. W4BVE	185
3. WA4SCK	BPL	749	13. WA4FGH	157
4. WB4AIW	BPL	744	14. W4FPC	154
5. WA4LJH	BPL	697	15. W4BJD	144
6. K4Vfy	BPL	685	16. K4SJH	136
7. W4ILE	BPL	421	17. W2TPV/4	116
8. WA4NEV	BPL	404	18. WA4YII	111
9. WA4BMC	BPL	350	19. WA4TWD	103
10. W3VR/4		308	20. W4SDR	102

FRANCIS E. HANDY

(MR. AMATEUR RADIO)

This month FLORIDA SKIP is happy to salute a man who has given 42 years of his life to amateur radio. A man who probably knows more amateurs, in person and through correspondence, than any other in this country or any other. A man who has travelled thousands upon thousands of miles to meet with amateurs at hamfests, conventions, hamborees, swapfests, traffic meetings, vhf meetings and many others. It is impossible to tell all in this short column what this man has done for amateur radio and the American Radio Relay League.

Mr. Francis E. Handy, W1BDI — we salute you! Truly Mr. Amateur Radio!

Even to his last day before retirement Mr. Handy sent his final message to the SCMs and SEC, and Ass't SCMs. We quote in part this letter...

"The undersigned has arrived at the time for his retirement. It has been a rare privilege to have come this far in good health (amateur radio should keep one young). But even though retired, we'll be standing or sitting in the wings, wishing everybody well and perhaps able to see all occurrences with even greater clarity and objectivity than officially involved. I'll be hoping for the fullest success of ARRL and what you out there in the field organization have in the works. It is your enthusiasm, and ideas, and teamwork and local leadership that can spell out new goals and produce more success than ever in making a creative ARRL and a communicating ARRL.

"The field organization more than any other group within amateur radio has been (always) a tower of strength and loyalty. And to you fellows goes this credit. Only by complete teamwork BOTH in the field and in the staff can ARRL realize its full strength for amateur radio.

"Nothing can be so certain in this world as change. Those hams who didn't change from spark to c.w., or to 'stabilized' rigs to meet new requirements, or who wouldn't try anything new were the only ones that lost out. Both regulatory and technical changes will come; generally these are NOT as drastic as people fear. With all the intriguing changes to miniaturize or go solid state, or RTTY, or us v.h.f. or satellites, let's not us communicators forget the basics...to make BEST USE of what we've already got. We just heard that with all the new techniques, the Viet Cong are being licked in COMMUNICATIONS by our trained units handling c.w. with skill...with linguists abounding on both sides it was said the VC simply have been caught at a loss on c.w. We need of course to know and use our Amateur Radio by ALL the modes. There should be official appointments and operative section nets (if enough stations can be found) by all modes and all classes of license holders. The AREC/RACES groups need constant recruiting and training, some tests as well as Net Operating. Another goal; to arrange liaison stations in EACH group, to the others, to make one solid integrated communicating system.

"Our message in conclusion is this. Most sincere thanks for the things you have done and are doing for Amateur Radio and ARRL. May I say that I'll b.c.n.u. over the air, and in visiting around, as I can. Please give George Hart, W1NJM, your new Communication Manager, and his staff, now and henceforward, your continued very best cooperation... 73, F. E. Handy, W1BDI."

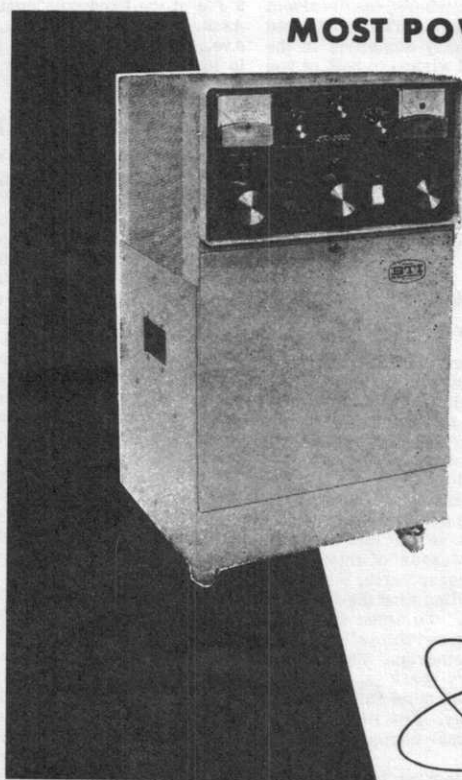
(EDITOR'S NOTE: And thank you Mr. Handy for all YOU have done for Amateur Radio and the ARRL!)

SEND FOR YOUR 1967
SKIP CALENDAR—FREE
TO SUBSCRIBERS. PLS.
SEND S.A.S.E.

PUT ZIP
in
your mail

Include
ZIP CODE NUMBERS
IN ALL ADDRESSES

MOST POWERFUL HAM LINEAR AT ANY PRICE

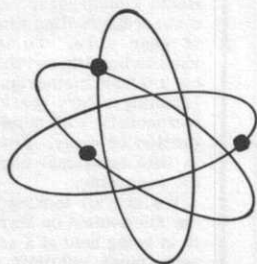


LINEAR AMPLIFIER A L C

2 KW PEP SSB — 1000 DC Watts CW-AM-RTTY. 21 important advanced features. New HD tank gives more output, especially on 10 meters. 65 Watts will drive to full output. 220/115 VAC operation. Write for a list of features.

Complete with Eimac
3-1000Z

\$795⁰⁰



MICROWAVE EQUIPMENT COMPANY

4121 N.W. 27TH ST. MIAMI, FLORIDA 33142
PHONE: 633-3415 633-3416

CLUB NEWS

GULFSTREAM SOC. of AM.

By Al Suhr, WB4AID

Election of officers was held on Friday the 24th with the following members of the Gulfstream Society of Amateur Radio Operators installed on March 3rd in the Lake Worth HDQTRS.; Al Suhr, WB4AID, President; Frank Piverotto, WA4TBN, Vice President; John Fulford, WA4VFF, Secretary; Bob Roderique, WA4AIF, Treasurer; Stan Scalise, W4WZZ, Historian. This is the beginning of the second year for this group of hams and we could almost fill a book with our programs.

Stan Scalise will also perform the duties of Engineer-Trustee, having received this appointment on installation night. Immediately he executed Form 610 as application for the Society station license.

A teaching program is well underway with the third class meeting already held for seven aspirant amateurs. A thirty-minute code assignment and evaluation period really is paying off, this precedes the theory portion of class night.

Two "on-the-air" cw periods are offered Monday through Thursday of each week as follows: Advanced CW 13 to 15 wpm by WA4TBN at 1900 hrs. EST on 21.08 mc., Frank is chairman of the CW Instructors for

the Society. Beginning at 5 wpm by WB4AID at 2000 hrs. EST on 21.102 mc. The Society would like to have comments from those who listen to this service. Of course it must be understood that WB4AID will sometimes fall asleep during his tour.

We were glad to welcome new member Jim Johnson, W4JBZ who responded to our letter of invitation. Jim is a pro, being Chief Engineer at WIRK, but ham biz is in his heart. He'll be one of our instructors, later on.

Dick Kidder, WB4AKH was appointed chairman of the Technical Assistance Committee, with WA4VPY, W4JBZ and W4WZZ helping, this group will be a community asset we believe.

We are all just waiting for that new Society call to arrive.

W. PALM BEACH AMATEUR

By John A. Benjamin Jr. W4HAW

Greetings again from West Palm Beach Amateur Radio Club, W4HAW. Our apologies for not having it in last month but a cold caught me off balance.

The regular monthly business meeting was held March 6th. In the new business category, we wish to welcome three new members. One of which is a technician, visiting from Connecticut. Welcome all! Among other new business Vice-President Jim Hughes, W4EXO, gave a good report about code classes he is teaching here at the Club. Jim says, "The students have almost completed the alphabet and are progressing excellently." He also says that there are seven people entered in the class. Jim want to welcome any other interested persons to enter into the code and theory classes which are at the West Palm Beach Amateur Radio Club, City Civil Defense building, 823 Newark Street, West Palm Beach. He says they meet Friday nights at the



ANNUAL H.A.R.S. TROPHY AWARD

The Hillsborough Amateur Radio Society Annual Award was made by out-going Club President (left) Larry Estes, WA4-HDJ. The beautiful trophy, a Golden Microphone, bearing the inscription "For Outstanding Achievement in Amateur Radio" was presented to Roy Scott, W4UHF, for his "Aid to Others in Acquiring Knowledge and Skill in Amateur Radio."

Club at 7:45 P.M. The course is free.

It sure was nice to meet many fellow Hams last month at the auction. It was swell and we are looking forward to next year!

The Club is progressing well on plans for field day coming up real soon. This report according to President Theodore Kohl, WA4IXU. He says this year will be fun and even educational! Can't wait!

One of our members, ex-President Robert Parkman, WA4ITN, will be wed in Holy Matrimony sometime in the fall. Our good wishes to both of you and heartiest of congratulations!!

Work has progressed slowly but surely on the Mobile van being put back together. The truck is being housed so as to complete work on it at George Bennet's gas station. George is a member of the Club and a ham with the call of WA4TPP. Good by till next month.

out as usual. The customary bargains will draw those hunting them.

Our officers for 1967 are; Pres. Jack Wainwright W4IEH, Vice Pres. Sherry Friedlander WA4VMT, Secy. Zane McCreary WA4KXI, Treas. Bernard Fox K4JKW, and Communications Officer James M. Rogers WA4-ZBA.

Broward Amateur Radio Club meets the second Wednesday of each month. Our April meeting will be on April 12, 8 PM at the Broward County Medical Assn. building, 2200 So. Andrews Ave., Ft. Lauderdale. All interested in ham radio are cordially invited to attend.

INDIAN RIVER

By D.R. Klobe WA4KJV

To start off with this month let me tell you of our net time changes. Our Sunday net time has changed from 0900E to 1300E. We start off with 30 minutes as a C.W. net and then change to a phone net at 1330E. Our frequency of 3825 KC (or KHz as some people prefer) remains the same. Our two meter net has changed both days and time. We now meet on Thursday evenings at 2000E. There is a good chance that this net will be moved to an earlier time. Bear with us fellows as being a fairly new club we are still having our growing pains. With these new times we seem to be having better and more check-in's.

Tom Dingman, W4HCG, published a brief club newsletter which everyone really seemed to enjoy. How about more Tom?

Been hearing some of O.B. Rawls, W4FXH, the "Old River Rat" on the airways lately. He's been busy adding a Florida Room to his house and hasn't been on much. O.B. has been under the impression that C.W. meant "Cool Won." Every time someone would mention C.W. he would head for the refrigerator. Someone has to educate that boy. Good to hear you on the air again O.B.

We had a couple of good talk's this month. One by Bob Husband, K4WSJ (Continued On Next Page)

The 6th edition of the Ham Phone Directory, listing about 2000 Calls, Handles & Phone numbers of Amateurs in Dade, Broward and Monroe Counties. Subscriptions \$1.00.

HAM RADIO DIRECTORY
Morris Stabin, K4DJW, Editor
1136 S.W. 74th Court
Miami, Florida 33144

BROWARD AMATEUR RADIO CLUB, INC. W4AB

Meets 2nd Wednesday of Month
All amateurs invited to attend club meeting at:

Broward County Medical Association Bldg.
2200 S. Andrews Avenue
Ft. Lauderdale, Fla.
2nd Wed 8 pm
Affiliated with ARRL - AREC - CD

NOMARC WA4JKF

The North Miami Amateur Radio Club

Meets every 2nd and 4th Thursday at the North Miami Municipal Building

776 N.E. 125TH STREET
PH. 751-8431
AREC-CW-CD-RACES
RTTY-SSB-NETS

B.A.R.C.

By Jim Wilson, W4GDK

Many of our "snowbird" ham friends are back with us for the winter. These, with many additional new hams are swelling our membership to capacity. We may have to get some more seats.

Disappointed by our scheduled speaker at the last minute, Jack Wainwright lined up some very interesting slides of folks at our last two banquets and the Museum of Antique Ham Radio Equipment up North. With it was a recording telling what the old pieces of gear were. To some of us who used to build these "things" it brought back tender memories. The sound of crashing rotary spark gaps was hard to reconcile with quiet SSB or CW operation of today. Jim Pickens filled in with additional commentary after the recording.

We are all looking forward to our big Auctionfest on March 11. Because it is being held at a new location this year much publicity was necessary but there are indications of a big turn-

DADE RADIO CLUB, INC. W4NVU

SPONSOR OF TROP. HAMBOREE

- MEETINGS -
1st & 3rd Tuesday
Each Month

At Museum of Science and Natural History
3280 S. Miami Avenue
Miami, Florida

W4LX Fort Myers Amateur Radio Club

Meets 3rd Mondays at Dock Master's Lounge
City Yacht Basin
Visitors Welcome

Club Active in ARPSC/NTS/
RTTY/TX/CD/MARS/DX/
FD and all contests
P.O. BOX 73

CLUB NEWS

on the topic of transistor's. Unfortunately I was unable to attend that meeting, but from what I heard from everyone it was a very informative talk. Also this month we had a talk by Sherman Tucker, K4LTQ, on the subject of AREC. He sure inspired a lot of people as that's all people have been talking about ever since. Larry Smith, W4BJD, was appointed assistant E.C. for this area. There has been talk of contacting the north and south end clubs here in Brevard County and setting up a real good county wide emergency communications system. I understand the south end club, The Platinum Coast Amateur Radio Society, has already been working on such a plan. Now that the north and central area of the county are organized I think it will work.

As an activity this month, we joined forces with the Platinum Coast Amateur Radio Society to provide communications between Brevard County and Orange County for the annual Cerebral Palsy Telethon in Orlando.

Well so much for another month past. Best DX es 73's till next month.

FLORIDORA NEWS

By Cathy Soehl - W4BAV

Congratulations to the Floridoras who celebrate their 10th Anniversary this year at the annual Orlando Hamfest, Cherry Plaza Hotel, April 29th & 30th.

W4EHN - Betty will probably have lots to tell when she returns from the Caribbean Cruise. She & OM-Clem will travel with friends, from Milwaukee, who will be celebrating their 50th wedding anniversary.

K4RHL - Ellie may be seen at the whell on the flying bridge of her new 31' Bertram fishing boat "Kilaine." Perhaps OM-Jake will get a chance to take over if they have radio equipment aboard. Smooth sailing, Ellie! HI!

K4RNS - Marge is looking forward to her daughter & family returning from Hawaii, where they have been stationed. K3PNL - Elinor, of Lake Ariel, Pa. & 1967 YLRL 3rd DC, visited K4RNS on way down to Pompano in their trailer. Several Floridoras enjoyed an "eye-lash" with Elinor at the Ham-boree.

K4HSC - Meg was enjoying swimming in the Lake, however, since she spotted a log floating in the water, her enthusiasm has waned somewhat, as the log proved to be an alligator. Meg also reported they went rabbit hunting at 3 AM on a moonlit night in Jan. What a gal!

W4QBY - Dorothea had a QSO with W4BMN/VE3-Art, Ontario, Canada, who sent best wishes to all Floridoras. Also congrats to Dorothea on the picture and article in the March issue QST. Our YLRL 4th DC is going a fine job.

W4BAV - Cathy & OM, W4GHR - Bill

had an enjoyable trip to Miami and back via East Coast, attending the Goldcoasters Dinner. Regret missed W4QBY & K4RHL when passing thru Ft. Lauderdale. Better luck next time, gals!

ON4AD - Jane, of Belgium will again be the Floridora YLRL adoptee this year.

LAKE AMAT. RADIO ASSN.

By Zach Bruce, WA4TJS

The Lake Amateur Radio Association is presently preparing itself to hold down a booth in the 1967 Lake County Fair. We have been discussing what we are going to do and how we hope to get it done. Reid Martin, W4VDY, and Zach Bruce, WA4TJS, are going to bring transceivers and antennas. Reid is bringing an HW-32 and I am bringing my SBE-34 and 75 meter Hustler antenna. We hope to attract enough attention to get some interest going in Amateur Radio and if enough interest is shown, we will start code and theory classes for the new prospects.

By the time this is printed the fair will be over, and a lot of long and hard time will be put in by the members of the LARA. Each member is going to man the booth at some time. The fair lasts one week, and we should get some traffic passed. We will try and sent a picture of the set-up to SKIP.

So, until next time, 73's from the LARA.

Zach, WA4TJS

SUNCOAST ROVING REPORTER

By Cathy Soehl - W4BAV

ATTENTION! Don't forget the Orlando Hamfest, April 29th & 30th, Cherry Plaza Hotel. Be seen' ya'll!

The Sarasota Amateur Radio Assoc. meets the 3rd Tues. every month at the Sarasota Federal Savings & Loan, at 8 PM, presenting many interesting and instructive programs.

All are urged to send traffic reports (no matter how small) to our new SCM: Jesse Morris, W4VMB, P.O. Box 1244, Jacksonville Beach. Help maintain our Section's good standing established by K4SJH - Ham, former SCM.

St. Petersburg hams, headed by K4CNB - Ned & XYL, WA4EDL - Nancy, did their usual good job of handling communications during the annual Southland Sweepstakes Regatta at Lake Maggiore. K4BNE - Rick ran pictures & article in his Feb. 14th "Ham Shack" column, St. Pete Independent.

Just learned K4YHU - Ted, of Englewood, sold his home and took his XYL out to Seattle last June. From there they flew to Honolulu, but the trip was marred when his XYL suffered a heart attack. They finally returned to Seattle and will be returning to the Sarasota area soon.

It is with regret we report K4RRCL - Leo, of Bradenton, & W4JIT - Theo, of Sarasota, as recent Silent Keys. Our heartfelt sympathy to their families.

W4VLG - Bill can be heard now on 6-meters with his new Swan 250.

W4BAV - Cathy & OM, W4GHR - Bill enjoyed a visit from K4TNB - Mac & XYL - Flora, from Arlington, Va.

WB4Ezu - Harry, of Bayshore Gardens, was "relieved" of his CDR Antenna Rotor, while he was out in his yard. We hope he finds the culprit who just walks in a house &

(Continued On Next Page)

ORLANDO

HAMFEST

APRIL

29-30

1967

CHERRY PLAZA
HOTEL

Orlando, Florida

**BIGGEST AND
BEST HAMFEST**

IN THE
SOUTHEASTERN U.S.

STILL ONLY
\$1.00

SAT. NITE DINNER DANCE & ENTERTAINMENT LIVE ORCHESTRA

Dinner & Entertainment \$6.00

Entertainment (Without Dinner) 1.00

**MAIN PRIZES: 2 SWAN 350'S
Complete with AC Supply**

HAM REGISTRATION \$1.00

ROOMS (S) \$8.00 (D) \$12.00

TICKET CHAIRMAN

PAUL MONTGOMERY, K4JSS
303 W. CASTLE ST.
ORLANDO, FLORIDA 32809

ROOM RESERVATIONS

HAL SHEA, W4BKC
736 ALFRED DRIVE
ORLANDO, FLORIDA 32810

CLUB NEWS

(Continued from Page 7)

helps himself.

The third edition of "Florida Ham Directory" is now available from the Amateur Radio Club of Florida. It is a very useful and handy reference; index by name in back giving call if same is not known.

SO. MIAMI RADIO CLUB

By W4NE

Two more interesting meets have crossed the calendar since our last report, both highlighted by talent within our own ranks.

Jerry WA4WUD displayed a new 150 watt SSB exciter built from scratch - not from a kit. It was an excellent display of ingenuity and workmanship. Neat job, Jerry, and we all join in congrats.

President Max Holland suggested it was time the club was giving serious consideration to acquiring its own station equipment, something like a 100 watt or better transmitter, with a suitable receiver to go with it. The idea met enthusiastic response from the membership and as a starter, plans were immediately undertaken to raise the necessary funds. From past experience it has been learned that the "Flea Market" offers the best money making possibilities. Ernie K4KIC volunteered to head the drive for gathering merchandise to sell and also offered to handle the booth at the market. Now fellows, it's up to the rest of us to scour our cellars and our attics for suitable merchandise. Anything in working order has a sale value. March 19 will be the date of the sale.

Our first meeting in March was another good one with an excellent turnout. Max W4MEA gave a slide talk on the WGBS station, studio, transmitting equipment and antenna farm. Max's photographic results were of professional quality.

Altho Neal WA4EWY is hard at work on final stages of his studies to obtain his Master's Degree at U of M, he reports that he still finds a little time to enjoy QSO's on 15 and says that band is rapidly approaching its active and enjoyable status of a number of years ago.

If sufficient interest develops, the club proposes to conduct theory classes for prospective novices every Friday night at Club quarters. Any persons interested should contact Ernie K4KIC at MO 7-4564.

Details of a club QSO party will be finalized at next meeting. April 2 will be the date. Get the dust blown off your antennas and let's all join in.

Jim WA4KIL now reports that his 4-400 Linear is practically completed and probably by this writing it has been thru its "smoke" test and is on the air.

John W4NE had the benefit of a real skyhook on his Inverted Vee antenna for two days and nights. Some neigh-

borhood youngsters lost the bottom end of their kite cord and it wound up securely at almost the apex of the Vee. Steady winds for more than 40 hours kept the kite about 800 feet up exerting a constant lift to the antenna. Did anybody notice any improvement in his sig strength?

Remember, SMRC meetings first and third Fridays at Ponce de Leon Jr. High just off Route 1 opposite U of M. Come join us.

ORLANDO RAMBLINGS

Hal W4BKC

Lou Wolcott, W4NKD has resigned as Chairman of the TVI Committee of the Orlando Amateur Radio Club after a tenure of more than ten years.

During this time he, more than any member of the local ham fraternity, has quietly worked at the real ticklish job of keeping the good will of the complainant. While at the same time having to explain the built-in inadequacies of a particular TV receiver or suggesting a remedy.

Lou received a nice letter of commendation from Mr. Gilbert of the Miami FCC Office expressing their appreciation for his help these many years. Lou the local gang owes you a real big vote of thanks for your untiring service.

Jess Price is the new Chairman of the TVI committee and will carry on the tradition. Good luck W4CLJ.

Cliff, W4CFA is a Grandpa again, new granddaughter this time. Getting to be old stuff with Cliff. Think this is number seven isn't it?

Clarence, W4TVR has his new sailboat completed. When he put it in the water - looks real sharp - probably explains why we haven't heard him too much lately on two meters. Jess W4-CLJ is building a metal locator - Elmer, W4HFR claims he owns forty per cent interest in it but not what gold silver or other precious metals it might locate; in other words Elmer contributed forty cents as I understand it, could be wrong?

Some of the local amateurs are par-

ticipating by providing communications in the Cerebral Palsy Telethon. Understand at this time that a group from Brevard will bring their gear over to assist the coverage from their county-real Public Service.

H.A.R.S. NEWS

By Roy Scott - W4UHF

A special election of three officers was held at the February meeting. New club President is Paul R. Young, W4NQX, Vice-President is Paul Bick, WA4JYD, and Secretary, George Jones, WB4AQR. Congratulations and best wishes to these new officers.

A Novice Class of instruction both in code and theory started this month with 26 students. The CW instruction is being conducted by Paul Bick, WA4-JYD, and Theory instruction by Fred Studdenberg, Jr., WA4YAK. The CW material used in this course was prepared by Roy Scott, W4UHF, and the outline for the Theory instruction by Ray Murphy, W4BNE. Everything points to a fine new group of radio amateurs in the Tampa area.

Plans for the "biggest and best" Tampa Hamfest are in the making for holding it at Lowry Park with its excellent facilities for handling the ever increasing attendance. It will be held in October with the date to be announced later.

The new Club Program Chairman, Myron Thrower, K4RYU, presented a splendid program on FM communication with many pointers for conversion and operation of commercial FM equipment. Myron is making arrangements for Club tours of electronically controlled industrial plants in the area.

The membership voted a \$5 cash prize to be given at each regular meeting; in this manner the winner can select what he wants rather than getting what the prize committee felt would be suitable prizes for these drawings. 73

PATRONIZE SKIP ADVERTISERS

DADE RADIO CLUB

By W4EDP

The Club had one of the most interesting programs ever presented to it on Feb. 21, when a communications engineer from Pan-American gave an illustrated talk on communications via satellite for aircraft. With the speeds of the coming generation of planes, solid, reliable communication with the plane is absolutely necessary because if a fade occurs and communication is broken for even a short time, at 2000 MPH, the results could be disastrous. A good deal of work has gone into satellite communications with planes and the results are excellent. So good in fact, that equipment has been designed and ordered for installation now.

Carl W4DTJ and Evelyn W4WYR and family are planning a nice long trip to California starting about June 10. Don't know how much hamming will get done what with four younguns and lots of miles to cover, but we will be looking for them you can bet. Have fun kids.

Some of the club members had a chance to tour the facilities of the planetarium at the Museum the other evening after the club meeting and found it to be most interesting. The program now on is most fascinating, the subject being Stonehenge. Don't miss it.

Well, it won't be long now till field day and the basic plans are under way already. Nothing like being ready on time.

Club meetings are held on the first and third Tuesdays of each month at the Museum of Science and Industry at 8 PM. Drop around and say howdy.

FT..MEYERS CLUB

By Ken, W4SMK

Our 10 meter transmitter hunt last month only had 2 groups participating. Where are all you fellows with 10 meter mobile gear? W4PJG and gang were the winners.

TIME CONVERSIONS

24 Hour Time	Eastern Standard Time	Central Standard Time	Mountain Standard Time	Pacific Standard Time	Greenwich Mean Time
0100	1:00 AM	12:00 Mid.	11:00 PM	10:00 PM	0600
0200	2:00 AM	1:00 AM	12:00 Mid.	11:00 PM	0700
0300	3:00 AM	2:00 AM	1:00 AM	12:00 Mid.	0800
0400	4:00 AM	3:00 AM	2:00 AM	1:00 AM	0900
0500	5:00 AM	4:00 AM	3:00 AM	2:00 AM	1000
0600	6:00 AM	5:00 AM	4:00 AM	3:00 AM	1100
0700	7:00 AM	6:00 AM	5:00 AM	4:00 AM	1200
0800	8:00 AM	7:00 AM	6:00 AM	5:00 AM	1300
0900	9:00 AM	8:00 AM	7:00 AM	6:00 AM	1400
1000	10:00 AM	9:00 AM	8:00 AM	7:00 AM	1500
1100	11:00 AM	10:00 AM	9:00 AM	8:00 AM	1600
1200	12:00 Noon	11:00 AM	10:00 AM	9:00 AM	1700
1300	1:00 PM	12:00 Noon	11:00 AM	10:00 AM	1800
1400	2:00 PM	1:00 PM	12:00 Noon	11:00 AM	1900
1500	3:00 PM	2:00 PM	1:00 PM	12:00 Noon	2000
1600	4:00 PM	3:00 PM	2:00 PM	1:00 PM	2100
1700	5:00 PM	4:00 PM	3:00 PM	2:00 PM	2200
1800	6:00 PM	5:00 PM	4:00 PM	3:00 PM	2300
1900	7:00 PM	6:00 PM	5:00 PM	4:00 PM	0000
2000	8:00 PM	7:00 PM	6:00 PM	5:00 PM	0100
2100	9:00 PM	8:00 PM	7:00 PM	6:00 PM	0200
2200	10:00 PM	9:00 PM	8:00 PM	7:00 PM	0300
2300	11:00 PM	10:00 PM	9:00 PM	8:00 PM	0400
2400	12:00 Mid.	11:00 PM	10:00 PM	9:00 PM	0500

Comparison of the various U.S. time zones and GMT

FROM FEBRUARY 1967 - CQ •

FT..MEYERS

Don WA4LBM is going to the Air Force electronics school at Keesler AFB, Miss. He operates the base MARS club station K5TYP on week-ends when time permits. Beon the watch for him to handle patches, etc. back home.

WA4NNB Vince is operating from Gainesville where he attends the U. of Fla.

Tommy WA4VHH/4 is on from Jacksonville and also is looking for Ft. Myers stations occasionally.

Some of the boys here have worked W4ACT Don, from down Naples way, over in ZL land. That Don really gets around the world.

W4KET Herb came in a solid second in the E. Fla. Section of the CW Sweepstakes. We had numerous other Ft. Myers entries in both the CW and phone contests, but we goofed again and the club score was not printed.

W4KET is also going for a score in the CW part of the ARRL DX Test this year. How about some of the rest of this contest blz sometime?

Speaking of contests I hope to see lots of you in the Fla. QSO Party this month. Lots of prizes and glory in this one. W4SMK wilp oe on phone for a change this time. Let somebody else beat K4VFY, hl.

Don't forget to send for your ham auto tags pronto if you haven't already done so. Let's blow our own horns a bit about amateur radio.

SUNCOAST ROVING REPORTER

By Nancy WA4EDL

I am happy to announce the new officers for the Club for the year of 1967 - K4CNE Ned, President; WA4FEO, Barney, Vice President; WA4EDL Nancy, Secretary; K4EAC Hilda, Treasurer; K4LYS Jim, Net Manager. Program Chairman will be appointed soon.

Pete, K4RKY is back on 6 meters again. Knew he'd not staff off too long, might miss something, eh Pete? There has been quite a bit of activity around 50.5, lot of the fellow meeting



The owner and operator of this neat station is Herman J. Nieuwendaal, WA4KKG of Tampa. Herman, 49, works for the American Can Co. there. He is active on 20 and 80 RTTY, AM on 6 and c.w. on other bands. He is a member of ARRL, ARCF, AF MARS, CHC and FRF.

(Photo - WA4KKG)

there in the early morn before work have good ole time round tables in the evenings.

Walt W4PWB and Edna K4CSC have been off again on another tour. Haven't heard where this one took them yet.

Like to remind all that June meeting is renew SKIP night so be sure to mark that date for renewing SKIP.

The club has been ringing with all sorts of ideas to improve programs and bring varied programs before the members. Got any ideas? Be happy to hear them, come on out and give us a hand.

We are starting a yearly project - "Ham of the Year Award," to be presented each year at the hamfests. Some local ham who has made outstanding services to ham radio or to the community in general, also may have one for the best homebrew achievement.

See article on the upcoming hamfest elsewhere. April 16th, Taylor Park, Largo, Florida.

TAMPA FAIR BOOTH

By Marvin M. Bostain, WA4HDK

The Tampa Amateur Radio Club (W4DUG) has just completed another successful operation of the radio booth at the Florida State Fair in Tampa. Over 3600 messages were sent. All in all, we had 12 operators on CW and one on phone.

This successful operation was due in large part to the work of John Fogarty, W4CI, who arranged the schedules; Jim Bingham, W4KRC, who arranged for the counter help; Ralph Coady, W4BNI, in charge of the operators; and Earl Miller, K4HFF, in charge of the installation and maintenance of the equipment.

WESTERN FLA. NEWS

By Frank M. Butler Jr.,
W4RKH

Tallahassee: March Meeting of TARC featured a talk by LA-2AD. WA4EOQ renewed OPS appointment. W4MLE is only active 00; won't you apply for this important post?

Madison: WA4GHE has relieved W4PBO in job of EC.

Panama City: WA4FIJ has APX-6 on 1225 Mc. W4FOX reports 60% success in 2-meter skeds with Clearwater, a 250-mile hop. WA4ZGI is putting base station and mobile unit on 146.94 Mc. FM.

Defuniak: W4COD has a homebrew SSB rig on 2-meters.

Fort Walton: W4ZGS is on night shift, but WA4VSI keeps activity going on 145.2 Mc! The EARS Club operating room is taking shape after several weekend work parties. Come out on Tuesday evenings and see for yourself. W4BVE is now fully operational on RTTY, and checks into FATT Net. W2-TPV's CYL passed her Technician test, and also gave him a new Jr. Op. this month!

Milton: WB4CZT and WB4-CZU received General tickets.

Pensacola: W4NOG is having trouble getting the tri-band beam tuned up. K4NMZ is building a 2-meter SSB transverter and linear. WA4IZM uses the HW-1w mobile to keep in touch with the office while in the Eglin area.

Announcing

YOUR NEW



APRIL

RADIO AMATEUR

callbook

old friend, new face...

See your favorite dealer today
or order direct from the publisher
(add 25¢ for mailing).



4844 W. Fullerton Ave. Chicago 39, Ill.

Over 60% change in listings since last winter's issue!

Meet your up-to-the-minute new CALLBOOK—the only complete listing of radio amateurs throughout the world—serving Hams faithfully and with authority since 1920! Essential QTH information for all radio amateurs and SWLs. Each quarterly issue of the CALLBOOK is completely revised.

PLUS THESE EXTRA FEATURES!

- Great Circle Bearings
- Great Circle Charts
- Prefixes by Countries
- "Q" and "Z" Signals
- World Time Chart
- International Postal Information
- And many other features

CALLBOOK of United States Listings (Over 260,000 K & W calls)
Each quarterly issue. \$5.00

CALLBOOK of DX Listings (Over 100,000 calls outside the U.S.A.)
Each quarterly issue. \$3.00



By Jim Wilson,
W4GDK, NØWCK

Bob Sweeney NØAIH is now N.C.S. on our new Districtwide CW net daily at 1800z on 6970 kcs. Jake Pultzer, Bill Kibbee, Charlie Schiffer, Fred Knight and several other dedicated members make the South Florida area quite noticeable on this new net. The members of the So. Fla. area Traffic net on 40-15 kcs. at 2200z daily except Sunday are to be highly commended for their dedication and cooperation on this net. Pat Healy, Hal Burnham, Lou Buehl, Kay White, Herb Hamilton, Bill Kibbe, Harvey Bachelder, Charlie Schiffer - to mention a few - are in their practically every evening. Also Irl Ball and Henry Sutkus from the N.E. Fla. area who maintain liaison with us for traffic going their way.

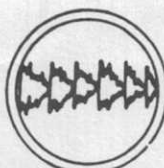
In the Tampa Bay area our two meter net operation has been handling considerable traffic in and out of the area. This net operates on 143.7 mc daily at 0230z. A firm "Well Done" to Jim Apsy, Joe Warren, Jim Homan and our most recent new members Rev. Father Hardy, Richard Warren, Helen Apsy and Dick Ralston. It might be noted here one of our recent new members Cpl. Leo Apsey, USMC, son of Jim and Helen, is serving Navy MARS and his country in Vietnam. He also does hitches in one of the Navy MARS stations in the RVN. In the near future we will have the South East coast of our So. Fla. area operating in the two meter net either by direct communication or relay as conditions require.

N.E. FLA. - In Northeast Florida, Coordinator Georgia Denman NØZTC of Orlando reports in their excellent area bulletin for February that there are 31 member stations in Jacksonville and Orange Park alone. Membership is growing greatly

throughout the N.E. Fla. area. They welcome back Gary Erland, NØARW of Sanford who has been up in Tenn. at school. His good clear signal will be heard a lot on their nets.

Contrary to previous announcements, the Navy MARS meeting at the Orlando Hamfest will be held on Saturday (not Sun.) at 1900 (2 PM) April 29. All NM members urged to attend.

Members of the month were: NØYJG, Leesburg - On all nets. NØFOB, Apopka - Two meters. Congrats to NØWJV on a fine Bulletin. N.W. Fla. - Unfortunately N.M. is losing Earl J. Bullard (Bull) NØAEZ who has been the Coordinator for N.W. Fla. He is being transferred by the Navy from Pensacola to Alaska where he will have the ham call KL7AIZ. He hopes to work many of his Florida friends



Well this is no APRIL FOOL'S joke but we are here and hope that you are too. During this past month we had the pleasure of running into a lot of Sidebanders at the Broward Amateur Radio Club's Auctionfest held in Hollywood. I believe every one had as good a time as we did.

from "up there." Present Coordinator NØRJZ is putting a pair of 4-150's on two and six and NØTEE who has already retired twice has gone back to sea as a radio operator in the Military Sea Transport Service.

The Florida Side Banders Association

By "Chuck" Ritchie W4BUG

During our last period between publications we welcomed into the association, as member number 293, W4FJA, Jim Mulroy of 1819 Starwan Road, Jacksonville. Jim is employed with the Addressograph and Multi-graph Corp., out of Cleveland, Ohio, and is operating on most of the bands. Also, James D. Miles, WA4TWD, of 17730 N.W. 32nd Ave of Opa Locka. He is certified as member number 294. He has a Jr. Op with a call of WB4EIZ. Jim started out in ham radio some three and a half years ago in Key West and has been on all the bands.

I am very happy to pass on to you that our association now has 152 bonified members of which 19 are life members. We are also proud of the eight members that we have serving with our Armed Forces throughout the world. Our thanks go out to our membership chairman W4LUP, Jim Abele for his help in making this association grow.

An Executive meeting of the association this past month to take up discussions on several subjects, including that of establishing the office of Historian, which we need badly, and our plans for the forth coming Hamfest at Orlando.

That's about all for this copy and hope to see you all in Orlando where the crossroads meet for good fellowship.

INTRUDER WATCH

The ARRL Intruder Watch has completed another full year of operation with more intruders having been removed from the amateur bands as a result. However, much additional work and constant vigilance are necessary.

The Intruder Watch welcomes additional volunteers with two or three years amateur experience and good receiving equipment who can spend at least two hours a week logging the calls of non-amateur stations in the amateur bands.

RTTY operators, especially those with access to sophisticated gear, are still urgently needed. Volunteers please write Intruder Watch, ARRL, Newington, Connecticut 06111.

QSL OF MONTH

ZSITZ



Anita's Day Begins In
CAPE TOWN

W4QV, Miami says she is active on 21440 KHZ SSB from 0700 to 1200 GMT.

The For-Real Story Of Little Red Of The Riding Hood

By RAY LARSEN, WA6UPD

The story goes like this: Little Red of The Riding Hood, was really a cool cat. She just got her general ticket, and decided to go mobile. She installed her home-brew 20-meter rig in her hopped-up custom, which she used for trips to old Gram's pad in the deep dark woods. Deciding that old Gram was due for some goodies, she stuffed a basket, hopped into the scat buggy, and took off in a cloud of dust. Man, could that cat move! — like SWOOSH! She flipped the rig on, and started yakking with the local yak-yak net, telling them she was on her way to old Gram's pad.

Old Man Wolf was reading the mail and drooling. He decided, like WOW; what a choice tidbit just for the taking: I'll cut out right now, do the Gram in, and wait for little Red. Ho, Ho, whatta dish I'll have! Meanwhile, back at the Gram's shack, old Gram was at her SSB rig yakking it up with the "You tell us, we tell everybody net." They relayed for little Red, telling Gram that Red was on her way, but to be careful of the Old Wolf who was probably reading, the stoop, like no, man — not old Gram!

She put a call thru to that real swinger, the wood chopper (with that swinging axe), to tear on up but quick—like. The chopper had a self powered backpack for operating remote, with his fixed station setup. He heard the call, acknowledged, and hopped into his Jaguar 310, with his trusty, super-sharp, double-edge, free-swinging, long handled axe—that swing so well.

He took off like a shot, SWOOSH, and away he went. By the time he dropped into 2nd, he was just hitting the high spots. He honed the edges of his axe on the front tires on the turns. As he rounded the last curve, close to Gram's shack, he set the binders and came to a screeching stop back of Gram's shack, just missing her 169-foot crank-up multi-all-band, antenna tower. He dove for the back door and into the shack, just as the old wolf barged in the front without knocking, of course.

The chopper caught the old wolf with his audio wide open, and like, POW he split his power circuits right down the middle! The old wolf was gone —

like — real gone! This meritorious deed set the chopper in real solid like, with little Red and the Gram. The story goes that they settled down real cozy like and really whipped up a storm on sideband. The chopper and little Red had some trouble with harmonics, but old Gram squelched them till they could run the rigs by themselves.

For a while, the chopper had some trouble with the hand key, till he thought of wiring in his trusty, super-sharp, double-edges, free-swinging, long-handled axe—that he swings so well!

Now you should hear his sigs: S W I S H Man, they cut thru anything! Sharpest sigs on the air. Nothing, but nothing, cuts this kid out!

Rumor has it that they have all kinds of wallpaper in the shack and are now working on their WTW "Worked the World" award. All of which shows you, all that begins well, like, ends well???

(From LARC Bulletin W6DDB, Editor)

GRID LEAKS

Have you noticed that the longer a fellow has a Monitor Scope the less you hear him giving reports on other people's signals. Oh, yes, there are those exceptions who persist but their reports are simply a display of their ignorance and not the other fellows signal.

FCC Regulations

The 20 October meeting featured the six-month study on amateur regulations—drawn mainly around answers received from Mr. Ben Waple of the FCC on questions passed him in April. Some interesting interpretations were: "When operating SSB, the p.e.p. input may be about 1.5 to 3 times the average input power, depending upon the voice characteristics of the individual operator." Need we say any more?

We also learned that it is not illegal to tape-record an amateur station and play it back anywhere—even on the air—and without permission! Also, all names of persons speaking over your rig, even on a phone patch, must be included in your log. VOX operation by an unlicensed person is permissible, if the station licensee is in attendance.

And listen to this: While most amateurs wouldn't dream of mentioning the price they are asking for gear over the air—FCC regulations clearly state that you may not use amateur frequencies for any remuneration whatsoever. Mr. Waple put it this way, "Section 97.111 of the Amateur Radio Service rules prohibit the use of amateur stations for buying, selling, or swapping equipment."

Clearly stated? You cannot even swap crystals with another ham...at least, propose such a swap over the air.

--W7IO NEWSLETTER

Why Not TV Tubes

Every once in a while I mention that the TV horizontal deflection tubes make excellent transmitting tubes. The fact that they do is evidenced by the set manufacturers who are using them such as SBE, Heath, World Radio Labs—just to mention a few.

Things that make a tube interesting to hams is the cost, how much power will it handle, what plate voltage is required, and how high in frequency will it go.

Let's look at one of the more popular tubes used in ham radio, the 6146. This tube is rated for 85 watts input up to 60 MHz and 50 watts at 175 MHz. This is with 750 volts on the plate. The plate dissipation is 25 watts. The input and output capacities are a bit higher than the 6146, but more on that later. One thing of interest is that since these tubes, by their special plate designs will take more current, they can be run with lower plate voltage for the same power input. Some figures for the best performer which is the 6JE6A would be: Input Capacitance 22 pf; Output Capacitance 11 pf; Plate Dissipation 38 watts; Power Input at 500 volts equals 131 watts. The price is \$3.82. Now here is a tube that is superior to the 6146 at less money. The only catch is the higher capacitance which will limit the tube to operation below 60 MHz.

For those of you who would like to go higher in frequency, I would suggest the 6JM6 which should be good through 2 meters for 90 watts, for a price of only \$1.87. The input and output capacitance are a bit higher than the 6146, being 17.2 pf and 10.3 pf respectively.

The price of these tubes is lower because they are produced in greater quantity than any transmitting tube.

--Ralph Hanna, W8QUR
(Ham Shack Gossip, Oct. '66)

SILENT KEY

We are deeply sorry to report the passing of another old timer here in Florida. Phil Denon, W4MUI, of Miami Beach, passed on March 8th. Phil was member of QCWA, OOTC, FS-BA and many others.

Phil's deep slow voice will be missed each Sunday on the Florida Side Band Assn. by all.



"Hello Mary Jane, this is George. Al, Mike, Nick, Frank and Dick are here with me... I'll be a lil late as we have lots of traffic to clear on the ARPSC Nets tonight..."

NET NEWS

FATT NET

By Bob Street, W4IET

Want some RTTY traffic handling experience? Tune in the Florida Amateur Teletype Traffic Net ANY evening at 7 p.m. on 3705kcs and join in. No traffic? Then join in the round table and informal every night. Rex, W4ZAG net control, will welcome you and even add you to the roll call.

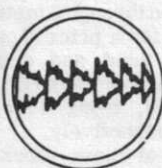
The FATT net did its share of traffic handling in February. A total of 372 messages were handled. 293 were from the Florida State Fair in Tampa, out of state traffic, and relayed to the Northeast RTTY net. This Fair traffic kept W4ZAG and W4AHW/7 Bernie in Alexandria, Va. busy. Thanks to both of you.

Lloyd, K4ZOP in New Smyrna Beach is planning on moving to the Canal Zone and Ted K4ANW Miami, is back from six weeks in YV5 land (Caracas). Harry W4VDC, Jacksonville, was in hospital this past month. Nice to see you back and at the Jacksonville traffic, Harry. W4IMZ Red, W4OKW Jack and W4NUT George were missing from most of the roll calls this past month also due to out of state business. So was W4IET Bob.

Signal reports for the 3704kcs RTTY spot: fine copy during the month with a few nights of minor tone or cw QRM, otherwise almost like land line copy even with 850 cycle shift. Try copying tonight. CU then and 73s, RB

FLORIDA SIDEBAND ASSOCIATION

Meets Sundays 2200 GMT - 3940kHz



FSBEN - Thurs.
3940kHz
0030 GMT
FAST Net
Daily
3940 kHz
2300 GMT

A FRATERNAL ORGANIZATION
All Sidebanders Always Welcome

FMTN

By W4AKB

Many stations have been checking in on the net lately from various parts of Florida. For many of these stations it is their first visit to the Net. All stations are welcome and all modes are acceptable. If any station can check in more or less regularly, please request the NetControl station to put your call on the roll.

FMTN meets daily except Sunday on 7230 khz at noon or 1700z. The primary purpose is to handle formal traffic but when time permits informal traffic can be arranged.

On Feb. 11 W4AWYL, Jack, left Marathon, Fla. for a trip to Kentucky by car. He had his rig with him and perhaps someone will copy him on 20 meters. Hope Jack makes it through the snow drifts OK.

The following stations were NCS during February: W4AKB (4); W4ACOR (3); K4DAX (6); W4ILE (4); W4WYL (1); W4SDR (6).

There were 24 sessions attended by 546 stations handling 571 formal messages during February. Average QNI was 22.7; average QTC was 23.8.

73, Charlie

FLAMINGO NET NEWS

By W4EDP

The net held another of its well known transmitter hunts a couple weeks ago and a wild time was had by all participants. W4DTJ, Carl, was the bunny and he pulled off one of the stunts he is famous for. This master of camouflage can set up in the center of Miami and Flagler streets and can become absolutely invisible. This time he got his car into a place that was apparently inaccessible and then hid it so well that the car was not visible from ten feet away. People kept going round and round him knowing he was there but not able to spot him, the scoundrel. The winner? I'm just modest.

Man has the DX been coming through on ten, Europe sounds like a local just about every morning. What a shame a man still has to work for a living DX or no.

Net Notes: W4EJQ has a new mini-beam up on ten and it sure does a fine job, sounds just like a full sized job. Kurt W44GG has finally got his transmitter troubles cured. Anyone having meter trouble with a Drake transceiver see Kurt and he will tell you what to do to get it straightened out. Walt, W4GJ has been running the console at WKAT-FM on Sunday evening lately so if the opera sounds a little grumpy these days, especially on Sunday, you

know who to blame.

Come on up to 29,044 mcs any Friday at 7:30 PM and meet all the gang.

W4EDP

QFN REPORT



BY
BOB
BLUMBERG
W4AHO

QFN most happily extends its sincerest congratulations to Wayne W2-TPV/4 and XYL Marty on the birth of Wendi Sue Brown on February 28. Wayne has been an asset to QFN since he first checked-in, as a records keeper for the net currently, he reports a rate of .51 messages/minute for the month of February - an extremely efficient rate. He also reminds all net control stations to send in their QNS reports promptly.

W4BVE, net manager, reports that stations are needed to represent QFN on the regional net level. Any interested stations ARL 7 W4BVE.

The new QFN Bulletin appeared recently in excellent form under the editorship of W4ILE, Reg, E. Fla. RM. Anyone who is a net member and is not receiving the bulletin should ARL 7 W4ILE.

Newcomer, WB4DDO, Gary, has been bringing quite a bit of traffic to the net. The more traffic, the more efficient the net. K4EHY, Dan, is back for a short leave from the Coast Guard and has been very active on the net.

Everyone should be making plans for the Orlando Hamfest and the QFN Breakfast, an event not to be missed.

Until then, remember, QFN is every ham's net. We welcome everyone to join us daily on 3651 kc, at 2330 and 0300/Z.

CONFUSION NET

John W4NE

Something like a dozen members of the CONFUSION NET, with an equal number of their XYLs and harmonics, gathered at the home of Bill W4URL/4 in Everglades on Sunday, March 5, for an eyeball QSO and a delicious fish fry. Fish for the occasion were caught by Bill W4URL/4 and Windy W4LZD. Cooking to perfection was done by "Rep" presently an "ex" who forgot to renew his ticket! Rest of the meal was provided "pot luck" by the XYLs making up the complete gathering.

This was a repeat of a similar event about this time last year and

the Net hopes to continue it as an annual affair. Many new members met the old ones for the first time person to person, and the day rapidly passed in yarn swapping and much grunting after the heavy delicious meal.

Among those participating in the affair were: Bill, W4URL/4; Elmer, W4AZQ; Windy, W4LZD; Zeke, W4DNV; Mousey, W4JLD; Al, W4XNH; Walt, W4ARU; John, K4JUX; John, W4NE; and Art, W4CTX.

Everybody missed Freddie W4BN who at the last minute was unable to attend.

The Confusion Net meets practically every day on 3900 Kc between 5:30 and 6:10 pm when everybody drops out for chow.

CQ CQ CQ THE TRAFFIC NET

To most traffic hounds the preceeding immediately brings to mind a given procedure or speech identifying his favorite net, and he accepts the whole thing without question. Recently through job relocations I have been made aware of the differences in traffic net procedures. The manner of information was a rude shock, mentally.

The whole idea of net standardization is assumed by each member of a net and the NCS or manager enforces it. What if you are a member of several nets? Confusion reigns! Therefore you say you have settled for one "favorite" net. Isn't this a little narrow minded? Is your interest that limited.

For each purpose and situation certain conditions will probably work out just right, but conditions change. The Big "D" net meets daily and decided to have a roll call. For a small net this would be fine, but as it is now - that means waiting three quarters of an hour to be recognized. Oh well, it is still a good net to test out your receiver on.

Another net, in Texas this time, insisted on passing all formal traffic on net frequency due to crowded band conditions. After a while we had marathan NCS's and two hour daily nets. This has now been changed (exhausted NCS's) but they still call for stations with or without traffic on all call ups. Thus a practical half hour net was only reduced from two to one hour.

There are for the most part many excellent nets, despite the fact that excellent net procedures seem to be lacking in many cases. Net Control Stations and Net Managers - are you really running a standard net, an efficient net, or both???

by G. Jacobs W44PDM/WA5-RAN
N. Tex. State Univ.



SURPLUS

ELECTRONICS

THE HAM SHACK

OPEN ALL DAY SATURDAY

2211 N.W. 36th ST. NE 5-0378 MIAMI, FLORIDA

10 Easy Ways To Drive The NCS Batty

It's pretty easy to bug a Net Control Station once in a while. Anyone can do it, even without trying. But to make him really miserable and to do it consistently takes determination and practice. Herewith some pointers.

(1). If you are 4RN REP, be at least five minutes late. NCS may stand by for you specifically at the start of the net, but don't let him trick you.

(2). If you are not the 4RN REP, check in when he asks for the REP if possible. If you happen to have break-in, do not be distracted by the sounds of the real REP trying to QNI underneath you. If NCS asks if you are the 4RN REP, ask "What's VRM?"

(3). In any case, if you have no traffic, try to be the first station into the Net. That snappy "QNI QRU" will really impress the troops.

(4). If you have read carefully so far, it goes without saying that, with traffic, you delay your QNI just as long as possible without actually missing the net altogether.



(5). If you have comments of general interest to the net members, send them as you QNI-- everyone will be listening.

(6). For really important matters-- you need a 6146, for example, or you want a 2-meter sked with anybody at all, list "1QNC". This is most effective when done on a very busy

night about five minutes after the net starts-- no sooner. CAUTION: Unless new restrictions are placed on the purchase of firearms, we recommend this ploy not be used more than once with a given net control station.

(7). When sent "UP 5" to handle traffic, tune your receive-

er up exactly 5,000 kc-- wait about 10 seconds, then return to net and say, "No W4XXX."

(8). When you do contact a station off-frequency, send him what the NCS told you to, and also anything else from your traffic list that the station will accept. In some cases you will inadvertently have done NCS a favor, but usually he will have had other stations waiting.

(9). When you return to net frequency, don't just send the last three letters of your call. Break in-- send NCS's call, and then yours. This way, NCS gets a whole new entry logged on his QNS sheet before he realizes you're not a new check-in.

(10). Do not wait for NCS to give you QNX. Break in and ask for it. Do this as soon as two minutes after you QNI, later, or not at all. Mix it up-- don't let them get wise to you.

Diligent application of these ten principles will reduce nearly any Net Control Station to a quivering mass of jelly if used repeatedly, week after week. The list is by no means complete, however, and the alert student will undoubtedly discover new techniques. We invite such experimenters to send their results to the Bulletin for publication.

(From NCN Bulletin)

"BUY FROM YOUR FELLOW AMATEUR" DEPARTMENT

FELLOW AMATEURS: Here are several firms that have an interest in YOUR business! They have seen fit to support the FLORIDA SKIP by giving us a little revenue each month in return for your support. If you can't possibly do better than to deal with a fellow amateur, now can you?

ROLEX

G.M.T.
MASTER

the 25-jewel superlative chronometer, with 24-hr. hand, movable 24-hr. bezel and automatic calendar. Write for free brochure CAMERON MAGNON, W4UEA

Adams-Magnon Jewelers, Inc.
510 Franklin Street, Tampa, Florida 33602

MILK

NATURE'S MOST NEARLY PERFECT COMPLETE FOOD

W4GM - E.C. "Clark" Mattson
Okeechobee, Florida
Producers of Grade A Milk

COL. "AL" MARCY, W4ID U.S. Army Ret.

461 - 3rd Avenue, Sea Park
Eau Gallie, Florida

AMATEUR RADIO PUBLICATION
Collector and Historian

ROY'S RADIO & TV

ZENITH SALES & SERVICE

5527 S.W. 8TH ST. - MIAMI

ROY - W4ITO - FCC Commercial

Phone: 661-0823

CHARLIE - WA4CIK IRA - WA4BGL
TED - WB4CBP

Same Location & Ownership Since 1955

NEW AMATEUR RADIO OPERATING MANUAL

All your questions answered from start to finish in amateur communications. A "must" in every ham shack, be it new or old! See two-page in December QST.

ORDER ONE OR TWO AT \$1.00 EACH
FROM FLORIDA SKIP BOX 501
MIAMI SPRINGS, FLA. 33166

W4IAD W4TVK

Specials on Foreign Tape Recorders,
Radios, Hi-Fi Stereo Equipment
Parts-Service

SAFS, INC.

AUTHORIZED FACTORY SERVICE

"Hi Fidelity Engineers"

Hyman Lessin 2115 J.F. Kennedy Blvd.
John Horn Tampa, Florida

QUALITY RUBBER STAMPS

Made-to-Order - Signature - Stock
LOWEST PRICES

3 LINE POCKET \$1.00

The Florida Folks

T. D. "TOM" DICKIE - K4COO - Owner
615 ALBERTA AVENUE
AUBURNDALE, FLORIDA 33823
TELEPHONE 967-2923

JENKINS SUPPLY CO., INC.

1686 Clearwater - Largo Road
Phone 584-5282

Clearwater, Florida 33516

K4OF1

Amateur Radio Supplies

VHF-Eastern Florida

By BERTHA FARR EGGERT - WA4BMC

On Friday night at 8 PM est., on 145.350, there is a South Florida VHF Traffic net. WB4-DDO, Gary, Indiantown and WN-4DHB, Gil, of Stuart are Net Manager and Net Control respectively. These two comparatively new amateurs are showing a great interest in traffic and any help that we can give them, will further their interest. There is a growing interest in traffic on 2 meters. Let all of us assist this interest by checking into the nets with traffic.

From Harry, WA4HXT, Plantation, comes the following news from Broward County. "Ron, WA4UTI, is active in the Boy Scout program; he and his son Tim, WA4UTJ, are Eagle Scouts. Ron is teaching elementary CW and theory to a group of pre-novices... Dick, WB4C-BO is conducting code instruction in the South Florida Mental hospital, and a group of patients are showing keep interest... Chuck, WB4BOM, Pompano, is getting set up for RTTY operation. Preparatory to a practice alert, each of 90 or more operators in Broward County are being provided with copies of the list of names of those operators, with phone numbers. It is anticipated that by a system of 'chain' calls on the twisted pair, check-in operators to Civil Defense will be quickly accomplished." Thanks Harry.

From Al, WA4FZV, comes the following. "We have a new traffic net on six. The V.H.F. Phone Net. (VHF PN). It started Feb. 14 and the first 13 sessions we had QNI 82, QTC 7. The net manager is WA4-FZV, with WA4ZEV, and shortly, WB4CJV, as NCS. A certificate will be given for attendance; Net meets Tuesday thru Sunday at 2000 EST on 50.250 Mc. The VHF PN controls will

all be on AM. With at least one station that can copy SSB. I think that it may hold if traffic holds up.

There are a few new people on six meters, or coming back to six; K4CFF/4-(K4RKR, K4OZ-Z, WA4KNO on SSB). Also new to six is WB4DYU Al, WA4EVQ and WA4WEW."

If there is a station on VHF and in Dade County that would like to volunteer for Assistant VHF-PAM, Al and his XYL Zelma, WA4MKE, would like to be relieved of the job. Thank you both for this report and other reports, and for the very fine job you have done in the past.

The regular two meter nets on Monday, Wednesday and Fridays are looking for all of you that can, to check in.

See you all in May.

Notes From The SEC

If you were driving along the highway and came upon an auto accident, would you get on the mobile rig and call for assistance?

If some kids wandered into the woods and got lost, would you be willing to take your mobile or portable station to the scene to help coordinate the search efforts?

If a disaster such as a flood, tornado, explosion or extensive fire wiped out part of your town, would you be willing to help supply emergency communications until things were back to normal?

If you answered these questions with a "yes", you have met the only requirement for membership in the Amateur Radio Emergency Corps -- that of being willing to use your amateur equipment and skills in the public service. Sign-up with your EC today.

WANTED AMATEUR NEEDED

There is a need for any Dade County amateur who holds a General Class license or better to take on the duties of ARRL emergency coordinator. This is a most important job. One of the most important in amateur radio.

With over 1600 amateurs in Dade County do we have just one who is willing to take on this important job?

For further details contact your Eastern Florida Section Emergency Coordinator for ARRL, Andy Clark W4IYT, 41 Lenape Dr., Miami Springs. Phone 888-3874.

HISTORY OF TELEVISION

By BOB - W2ZRX/4

RCA and CBS had, what each thought, was the ideal system for the transmission of color. In early 1950, the Federal Communications Commission ruled a CBS petition and found in the favor of the CBS system. The CBS system is no longer in use today.

In 1953, RCA again petitioned the FCC for a reversal on their 1950 ruling and to allow the RCA to be the approved color transmission system. They won this decision.

The FCC, in 1953, also layed down the present day television channel assignments. They assigned 12 channels between 54 and 216 megacycles in the VHF range and 79 channels between 470 and 890 megacycles in the UHF range. Eight years later they passed into law a requirement that all new television receivers would have both VHF and UHF capability.

It is interesting to note that in 1953 there were 328 stations on the air transmitting to over 27 million sets in the United States in addition to 3 million set receiving television transmissions in 20 foreign countries.

To summarize this article on television history, it is only fitting, in this day of being first, to list some of the firsts in the development of television.

- 1878 Crookes Tube - 1st CRT
- 1884 Nipkow develops scanning disc
- 1888 1st photoelectric cells made
- 1923 Zworykin patents Iconoscope
- 1925 Jenkins makes 1st receiver using vacuum tubes and disc.
- 1929 Zworykin built 1st all electronic receiver-Kinescope tube.
- 1930 W2XBS goes on the air.
- 1931 W2XAB starts operation.
- 1939 (Apr. 30) NBC 1st commercial TV station on the air.

1940 (June 24) 1st TV coax cable operation between New York and Philadelphia.

1941 1st official TV stations go on the air in New York (WNBT and WCBW).

1945 The Image Orthicon is Perfected.

1946 (Sept. 17) 1st Post-war TV sets go on sale.

1947 (Jan. 3) 1st time Congress in full session is telecast.

1949 (Jan. 20) 1st Presidential inauguration televised.

1949 (May 11) 1st time a surgical operation telecast in full color.

1951 (Sept. 4) 1st Trans-continental TV link operation and coast-to-coast television programming is possible.

1953 (Oct. 31) 1st hour long full color program transmitted.

1956 WNBQ in Chicago becomes the 1st all color station.

1961 1st educational telecast is made from an airplane over Indiana with six-state coverage.

1963 Sony surprises the TV market with the announcement of a fully transistorized portable TV set, beating the United States TV industry by months.

All of this is only the beginning in the long road upward for the television industry. Gernsbeck envisioned the "Visa-Fone" years before it was a reality and now writers of today envision TV cameras small enough to go into a ring on your finger and wrist watch-sized TV receivers. These ideas seem fantastic to us today but as possible as Gernsbeck's ideas of 1909. There is no limit to the imagination of the minds of men and no limit to his ability to design and produce literally anything of which he can dream.

(FM The BANDSPREAD
W4JNI Ed.)

TRAFFIC HOUNDS

By Ham K4SJH SCM EFLA

NET	QNI	QTC	SESSIONS	AVG QTC
FAST	1036	307	24	12.8
GATOR	233	205	28	7.3
WFPN	577	129	28	4.5
FMTN	546	571	24	22.1
FPTN	486	203	24	8.4
TPTN	732	229	24	9.5
QFN				
FATT	135	372	28	13.3
VHFTN	82	27	14	1.9
SATN				

HAMBAR

This column is FREE to any licensed Radio Amateur who is a subscriber to Florida Skip. Limit 3 per year. Additional \$1.00 each. Non-subscribers and non-amateurs \$1.00 each up to 10 lines. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

To Licensed Amateurs: Buy, Swap, Sell (non-commercial)—Free.

To Commercial Business: Classified, undisplayed—50¢ per line; Illustrative or General Display with border—\$3.50 min., \$80/page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns—40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Turner 254-C mike with PTT stand \$6.50. Astatic D-104 mike with E-V PPT stand \$15.75. Heath PM-2 mobile tuning meter, \$5.25. Paco model G-15 grid dip meter, a.c. 400 kc to 250 mc \$15.50. Weller D-207 solder gun with extra tips \$3.75. All prices cash, postage paid. W. H. Kibbe, W4CCD, 1575 Bellerose Dr., Clearwater, Fla. 33516.

FOR SALE: NC-183D, good condition, needs alignment \$75.00 or best offer. Homebrew DX-100 transmitter, not very pretty but gets out good. \$30.00. Ken Stuber, WB4CQJ 200 NW 40th Ct., Pompano Beach, Fla. 33064 Phone 942-7854.

FOR SALE: SWAN 240 transceiver in good condition, looks new with manual \$185.00. Matching Swan SW-12 mobile supply, 800 v. at 300 ma. with manual \$55.00. Heath Mod. H.P. 23 a.c. supply, wired ready to plug into SWAN 240, 800 v. at 300 ma. \$35.00. Swan with SW-12 supply \$230.00. Swan with HB-23 \$215.00. Swan with both supplies \$265.00. H. G. West W4LZD, 338 Chattanooga Dr., Ft. Myers, Fla. 33905 Phone OX 4-2638.

WANTED: A cheap-beam—cheap. Leo Scagliozzi W4VLN, 1226-1/2 - 15th St. No., St. Petersburg, Fla. Phone 898-4395.

FOR SALE: Model 14-117 12 v.d.c. power supply for SWAN 350 \$85.00. Will deliver 100 miles. Olsen-6, 6 meter transceiver 12 v.d.c. or 117 v.a.c. \$55.00 both A-1 condition. Art Garner WB4FCL, 222 N. Saturn Ave., Clearwater, Fla. 33515 Phone 442-2665.

FOR SALE: Four Talk-A-Phone intercom units, model TCL-10. Ten station master \$100.00. Dale Temple W4CNA, 1388 Bellevue Blvd., Clearwater, Fla. 33516.

FOR SALE: Johnson Adventurer transmitter 80 thru 10 c.w. only, perfect for novice or stand-by emergency rig with manual \$30.00. Heath Q multiplier, like new \$10.00. Heath Balun coils \$7.00. 10 inch electric station clock timer with 5 minute buzzer \$9.00. Eico Model 221 VTVM with manual \$20.00. RME-80-40-20-15-10 preselector, like new \$25.00. On-the-air lighted sign, 110 v.a.c. \$4.50. 12" speaker, unmounted \$3.

Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166. Phone 888-3874.

WANTED: Self-supporting 60 or 40 foot tower. W. B. Bell, W4BB, 224-79th Ave., N.E. E., St. Petersburg, Fla.

Be thankful for the opportunity to be thankful. (SALADA)

FOR SALE: HT-32B and SX-115 like new, will guarantee performance and delivery in Florida, both for \$650.00 firm. Would consider trade for transceiver if in excellent condition. Herb Markovitz WB4CAA, 270 Bimini Dr., Merritt Island, Fla. 32952.

FOR SALE: Master RCA VoltOhmyst WV87A 6" meter and RF probe, \$25. EICO Model 221 VTVM \$15.00. Manuals on both. 815-\$10.00, 813-\$10. (2) 832 - \$4.00, 4E27-\$10.00. (1) 4-65A with ceramic socket \$12.00, 811 \$2.00. (2) 3B24W JAN \$3.50. (5) 61-46 \$2.00. 6336 \$3.00. 6080 \$2.00. B&W audio phase shifter network model 350, type 2Q4, new \$2.50. Anything over \$10.00 postpaid. Earl Spencer, K4FQU, 1413 Davis Dr., Ft. Myers, Fla. 33901. Phone 936-1202.

NEW SWAN 350 transceiver with a.c. power supply and crystal calibrator \$425.00. 60 foot aluminum tower, Ham-M rotator, TA-36 Mosley beam, station equipment \$435.00. S. H. Traeger W4RK, 14400 SW 144 St., Miami, Fla. Phone 373-6559 weekdays till 5 p.m. 235-3018 after 6 p.m. and Sundays.

FOR SALE: Collins 32S-1, Heath a.c. power supply, \$400.00, SBE-34 transceiver and mobile mount \$375.00. HQ-110AC receiver \$175.00. All gear in perfect condition and works perfectly. All with manuals and cables. Zach Bruce WA4TJS, P.O. Box 1328, Leesburg, Fla. 32748.

FOR SALE: New National 200 and a.c. 200 supply in sealed cartons, warranty, etc. \$390.00 FOB. Shipped immediately on receipt of money order or bank check. Al Johnson, W6EPO, 229 Lindell Ave., El Cajon, Calif. 92020.

FOR SALE: Gonset Communicator III for 6 meters 110/12/6 volt supplies \$100.00. John T. Leonard WA4MHW, 725 West 36th St., Hialeah, Fla. 33012

FOR SALE: Drake 2-B with xtal calb. HT-37, mike cables, both manuals. On air now, all good condition. Drake patch and 14-AVS. \$275. Jim Mattison W4FNE, 2237 Blossom Terr., Orlando. Phone 855-9629. Come see it while at hamfest.

FOR SALE: Hallicrafters SX-99 with matching speaker \$80.00. Heath 100 kc crystal calibrator \$10.00. DX-100. Bill Ross, K4RDG, 705 Bonnie Dr., Lakeland, Fla. 33803. Phone 686-8028

WILL SHOW at Orlando Hamfest subject to prior sale: All mint with factory modifications and manuals. DX-100, SB-10, SX-101, MK3. Also 2M Communicator, 6 and 2 meter Ameco Nuvisor converters with power supply. Highest Bid. Jim Dillman K4USK, 356-41st Ave. No., St. Petersburg, Fla.

SELLING OUT - 60 foot 20 inch face triangular steel tower, WARRIOR am-

plifier, Hallicrafters TO KEYSER and EL-KEY, Eico 249 VTVM, Heath 455-kHz Q-Multiplier, and 100 kHz calibrator, Knight 100 kHz calibrator, BW FC-15 filament choke, P&H two tone SSB oscillator, PMR-6 receiver, 60 Hz panel freq meter, Turner 350C and 254C mikes, new National ICN vernier dial and 175 plate RF choke, Stancor P6309 filament xfmr, new 1800 watt a.c. generator, make offer. Ray LaRue W4BYG, P.O. Box 9801, Atlanta, Ga. 30319 phone (404) 634-4089.

FOR SALE OR TRADE: Hammerlund PRO-310, general coverage receiver, excellent shape, with manual. Also #14 typing reperforator in like new condition. Look for good a.m.-c.w. transmitter I can use on RTTY. Don McKenzie WA4ZRX, 6420-5th Ave. No., St. Petersburg, Fla. Phone 345-3403.

WANTED: Class AB-2 output transformer plate to plate load from 3800 to 6000 for 6L6's or 5881's AB-2 also transformer for single plate to push pull grids of 6L6S. William Kessler K4LPU, 1444 Highfield Dr., Clearwater, Fla. 33516.

FOR SALE: Collins 75A3 receiver with patching speaker and xtal cal. \$250. Hallicrafters HT-32 SSB transmitter, \$225.00. Both in excellent condition. Dan Zerick, 4116 Roosevelt St., Hollywood, Fla. Phone 987-4911.

FOR SALE: Collins 30S1 mint condx. 4CX1000-A final. Ray Farwell W4BJ, 370 NE 147th Terrace, Miami 33161 phone 945-6675.

FOR SALE: HQ-140XA \$100.00. Two rack telemetry equipment \$180. per rack. TMC freq meter excellent 2 to 64 MHz \$100.00. RCA rack television with extra power supply \$95. Collins 51J3 \$450.00. W. D. Roig, WB4DLA, Box 3765, West Hollywood, Fla. 33023 phone 981-2195.

FOR SALE: HT-37 good condition \$195. NCX3 with Heath AC and DC supplies \$250.00. Hallicrafters HT-19, 300 watt cw and FM, 80 thru 10 with built in VFO and power supply, make offer. ARC-3 transmitter/receiver, converted to 12 volt filaments \$20.00. Lampkin 105-B, mint condition with perfect xtal (4040, 0 across entire thermometer) and all papers and charts. \$225. Jim Edris WA4TBM 20520 Jacaranda Rd., Miami, Fla. 33157. Phone CE 5-8896.

NOVICE CRYSTALS, all bands, \$1.30 each. Also other freqs. Free list. Dealer and club inquiries invited, Nat Stinnette, Umatilla, Fla. 32784.

SPLATTER FROM THE GARBAGE CAN

This matter of PEP and average power is the most discussed and least understood subject of the day. It is also one of the principle reasons for the horrible sounds that some call SSB. Instead of these stupid arguments over something we know so little about why not do a little reading and less talking. If you are one of the individuals who loads up to a dc input of a given level and then talks it up to that level on the plate current swings this is aimed at you.

If you are using a piece of commercial gear go back and read the operating instructions and FOLLOW THEM. When they tell you to do something a particular way they have a good reason for saying it.

If you are using a homebrew linear then beg, borrow, or steal the November 1962 issue of QST and read George Grammer's article, "How to run your linear."

Many of you who have joined the SSB ranks in the past five years do not realize that the state of the art as judged by what is heard as SSB signals has slipped backwards. Not because of the quality of the equipment but the lack of knowledge on how to operate it PROPERLY.

We as amateurs have always prided ourselves in our ability to police our own service. Let's make a special effort to clean up this horrible mess before we find ourselves with a set of stiff regulations that will make things miserable for everyone.

Onyx

MEMBERSHIP CHANGE OF ADDRESS

Four weeks notice is required to effect change of address. When notifying, please give old as well as as new address.

Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

PLEASE GIVE ZIP CODE NUMBER

In the future if your SKIP is returned to us by the Post Office Department, we'll be forced to remove your name from our mailing list.

**don
simcox**

& ASSOCIATES

ADVERTISING
LAYOUT

COPY

PREPARATION

CALL 821-8432

801 W. 49TH ST. HIALEAH

NTS SECTION NET

(Continued from Page 1)

use the 80/75 meter band, propagation conditions may force you to use your own net, but the other alternative should not be forgotten.

What does this have to do with Florida Nets? In West Florida, the NTS Section Net is the WFPN (plus QFN, of course). Because of its proximity to Alabama and Georgia, its members are heard in these and other surrounding states. Stations in these surrounding areas often list traffic for West Florida directly with WFPN, rather than with their own Section Net, and it is promptly handled. Besides this traffic, though, the WFPN often has "outside" stations checking in with traffic for points other than West Florida. If it is for East Florida, the station is usually referred to the FAST Net; if for other adjacent states, they are referred to the appropriate nets (assuming, of course, that WFPN can't handle it).

The question is, to what extent should a Section Net solicit and attempt to handle traffic between two points both of which are outside the Section? Closely related to this is the question to what extent should a Section Net solicit and attempt to handle traffic between two points both of which are outside the Section? Closely related to this is the question, to what extent should stations outside the Section be encouraged to join the net? NTS organization says do neither; circumstances sometimes say do both. What do you think?

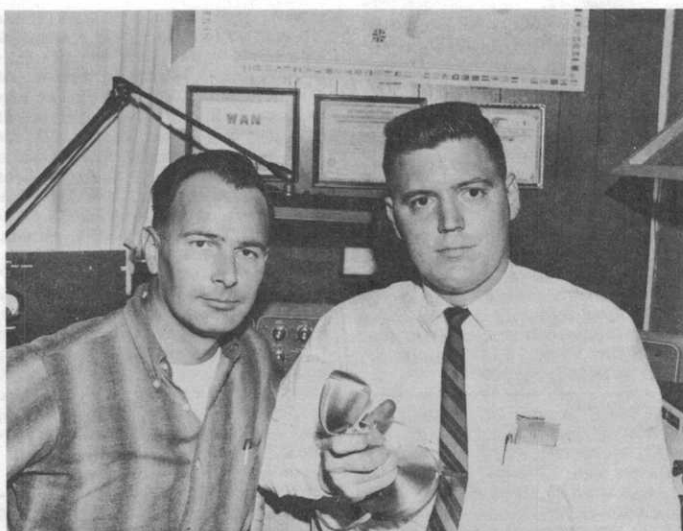
NEW ASS'T. SEC

(Continued from Page 1)

should be addressed to W4IYT. (See page 2 for QTH.)

Mr. Chisholm is truly an old timer in amateur radio. We are very please to see such an old old timer step forward and take on such a job. We have dozens of old timers, many retired, who of old timers, many retired, who sit back and watch but never offer to further the art of amateur radio. Why? What is it with these guys? Laziness? I've done my share - let someone else do it? I'm tired. Got a new color TV set? I work DX only? That's kid stuff? It's only a HOBBY? We never have any communications break down - don't get excited? Traffic nets - what them?

Welcome aboard Tom!



G. D. McKechnie W4IKB (left) and M. R. Hagans WA4ZGI of Chipley and Panama City had an excellent 4 column spread in the DOTHAN EAGLE, Dothan, Ala. newspaper for the work they did recently getting some emergency traffic through. Mac and Mr. Hogan worked on the message 19 hours before traffic was complete. W4IKB is assistant director for SE Div. of ARRL, and net manager for the WFPN which meets nightly on 3950 kHz at 2300 GMT.

(Photo by W4IKB)

Amateur License Tag Time

As you know 1967 is the year the State Road Department moved the tag deadline back a month or so. By this time all who normally get an Amateur license tag have received their application from Tallahassee.

They say "If you desire April 1st mailing of the new tag, which is the date 1967 tags go on sale, we suggest that you submit your application with the proper remittance soon enough to have the tag ordered by March 15th, 1967

"If the applicant does not have Florida title certificate in his or her name covering the vehicle for which amateur radio license plate is requested, an application for title properly executed must be submitted with proof of ownership and proper fees.

"When an automobile registered with an amateur radio tag is sold or traded you may contact your local tax collector or tag agent, who will upon payment of required registration tax and fees, transfer the amateur radio tag to another vehicle in accord with instructions from this office.

"Your full co-operation will be appreciated as this will minimize the necessary clerical work involved and will enable us to give prompt attention to your application. Signed Arch Livingston, Director."



Thought you'd like to see our FLORIDA SKIP FD TROPHY awarded the Beaches Radio Club of Jacksonville Beach at the Hamboree. The Beachers turned in the highest score for one transmitter last year. The trophy stands 16 inches high and weighs about 10 pounds. Who will get it next year?

(Photo by WA4FZV)

If you have never applied for an amateur tag application, we'd like to suggest you write: Dept. of Motor Vehicles, Attn: Billy B. King, 107 West Gaines St., Tallahassee, Fla. 32304 and request a DMV Form HR-1 application. You still have time - don't delay - do it today. 73 AC

Hanna Hints

Driving power of transmitting tubes does not always get all the attention that it deserves. The driving power listed in the tube manual does not always indicate the true picture of the actual requirements. This is because as the years passed, the tube manufacturers changed their method of rating. Also, other considerations change the requirements as will be shown later.

The newer tube ratings lists "driver-power output" which represents circuit and tube losses. This value is the actual power measured at the input to grid No. 1 circuit and there, changes as the stated condition. The "driving power" listed in the data for many older types indicated only the signal power dissipated in the internal grid-cathode circuit of the tube and in the resistance of the bias circuit. These figures do not normally include driving power that may be lost in the tube sockets or in the components and wiring of driving circuits, or tube losses due to electron-transit-time phenomena, internal lead impedances, or other factors.

The data given is okay under normal conditions of straight through operation up to 30 MHz if you use about three times the value given, because the losses are about twice that given. At higher frequencies, electron-transit-time rears its ugly head and the losses are even greater and increase rapidly as the frequency increases to the point where 10 times the value shown is required.

If the stage is being used as a multiplier, then the driving power increases even further and it will increase even more if the driving stage is a multiplier. This is because multiplier stages have very poor regulation of their output as compared with a straight through stage.

The driving power listed refers to a class B or class C RF power-amplifier stage. There are other considerations, if interested read the RCA Tube Manual.

Ralph Hanna W8QUR
in HAM SHACK GOSSIP

NOTICE If You Receive 2 Copies of SKIP

It is no mistake. Please
Pass it on to a friend.

... Editor